

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

REBECCA CAHOON ET AL.

CASE NO.: BB1159USDIV

APPLICATION NO.: 10/660226

CONFIRMATION NO.:

GROUP ART UNIT: 1638

EXAMINER: UNKNOWN

FILED: SEPTEMBER 11, 2003

FOR: CHORISMATE BIOSYNTHESIS ENZYMES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO-1449 and PTO-892 Forms.

Benefit of the earlier filing date of U.S. Patent Application No. 09/354,501, filed July 16, 1999 is claimed under 35 U.S.C. 120 for the above-referenced application and only copies of information not previously made of record in the parent are enclosed.

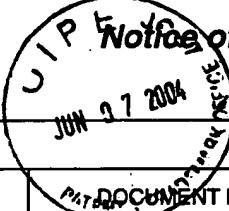
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Respectfully submitted,

*Maria Restrepo-Hartwig*  
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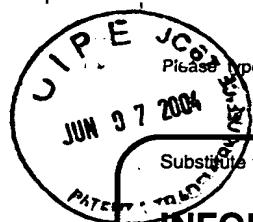
Dated: June 1, 2004

Enclosures

		Application No.		Applicant(s)		
		09/354501		Cahoon et al.		
		Examiner	P Bui		Group Art Unit 1638	
		Page 1 of 1				
U.S. PATENT DOCUMENTS						
*	DOCUMENT NO.	DATE	NAME		CLASS	SUBCLASS
A						
B						
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D						
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FOREIGN PATENT DOCUMENTS						
*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						
NON-PATENT DOCUMENTS						
*	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
U	Lazar et al. Molecular and Cellular Biology. March 1988, Vol. 8, No. 3, p.1247- 1252					3/88
V	Burgess et al. The Journal of Cell Biology, 1990, Vol. 111, p. 2129-2138					1990
W	Brown et al. Science, 13 Nov 1998, Vol. 282, p 131-133					11/98
X	Bork. Genome Research, 2000, Vol. 10, p. 398-400.					2000

\* A copy of this reference is not being furnished with this Office action.  
(See Manual of Patent Examining Procedure, Section 707.05(a).)

Part of Paper No. 13



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Approved for use through 10/31/2002, OMB 0651-0031

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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet 1 of 1

<i>Complete If Known</i>	
Application Number	09/354,501
Filing Date	July 16, 1999
First Named Inventor	Rebecca E. Cahoon et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1159C

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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### Complete if Known

Application Number	09/354,501
Filing Date	July 16, 1999
First Named Inventor	Rebecca E. Cahoon et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	BB1159C

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		EMBL SEQUENCE LIBRARY DATA ACCESSION NO: Y14797, 09-12-97, WIND, J.C. ET AL., Three differentially expressed 3-deoxy-D-arabino-heptulosonate 7-phosphate synthase genes in Morinda citrifolia	
		WILLIAM E. DYER ET AL., Journ. of Biol. Chem., 265:1608-1614, 1990, a cDNA Encoding 3-Deoxy-D-arabino-heptulosonate 7-Phosphate Synthase from Solanum tuberosum L.	
		EMBL SEQUENCE LIBRARY DATA ACCESSION NO: AF012864, 09-11-97, BATZ, O. ET AL., Extensive reprogramming of cellular metabolism by fungal elicitor or infection in parsley suggests a new perception of 'defense-related' genes	
		JORN GORLACH ET AL., Plant Mol. Biol., vol. 23:697-807, 1993, Differential expression of tomato (Lycopersicon esculentum L.) genes encoding shikimate pathway isoenzymes. I. 3-Deoxy-D-arabino-heptulosonate 7-phosphate synthase	
		JAMES D. JONES ET AL., Plant Phys., vol. 108(4):1413-1421, 1995, Impaired Wound Induction of 3-Deoxy-D-arabino-heptulosonate-7-phosphate (DAHP) Synthase and Altered Stem Development in Transgenic Potato Plants Expressing a DAHP Synthase Antisense Construct	
		EMBL SEQUENCE LIBRARY DATA ACCESSION NO: AI677182, 05-25-99, WALBOT, V., Maize ESTs from various cDNA libraries sequenced at Stanford University	
		EMBL SEQUENCE LIBRARY DATA ACCESSION NO: AI615213, 04-26-99, WALBOT, V., Maize ESTs from various cDNA libraries sequenced at Stanford University	
		EMBL SEQUENCE LIBRARY DATA ACCESSION NO: AI443687, 03-16-99, SHOEMAKER, R. ET AL., Public Soybean EST Project	
		EMBL SEEQUENCE LIBRARY DATA ACCESSION NO: AU068686, 06-07-99, SASAKI, T. ET AL., Rice cDNAs from callus	
		KLAUS M. HERRMANN, Plant Phys., vol. 107:7-12, 1995, The Shikimate Pathway as an Entry to Aromatic Secondary Metabolism	

Examiner Signature		Date Considered
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION  
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Docket Number (Optional) <b>BB1159C</b>	Application Number <b>09/354,501</b>
Applicant <b>REBECCA E. CAHOON ET AL.</b>	
Filing Date <b>JULY 16, 1999</b>	Group Art Unit <b>UNKNOWN</b>

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

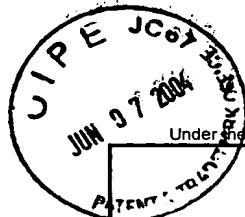
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES      NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Deka et al. (1994) FEBS Lett. 349:397-402
	Bonner and Jensen (1994) Biochem J. 302:11-14
	Kaneko (1996) DNA Res. 3:109-136
	Schmid et al. (1992) Plant J. 2:375-383
	NCBI General Identifier No. 3169883
	NCBI General Identifier No. 4417286
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	NCBI General Identifier No. 114200
	NCBI General Identifier No. 4688475
	NCBI General Identifier No. 3768703
	Mitsuhashi and Davis (1954) Biochim. Biophys. Acta 15:54-61
	Koshiba (1978) Biochim. Biophys. Acta 522:10-18
	Chaudhuri et al., (1987) Methods Enzymol. 143:320-324
	Balinsky and Davis (1961) Biochem. J. 80:292-296
	Lumsden and Coggins (1977) Biochem J. 161:599-607
	De Feyter (1987) Methods Enzymol. 142:355-361
	Bowen and Kosuge (1979) Plant Physiol. 64:382-386
	Smith and Coggins (1983) Biochem. J. 213:405-413

EXAMINER	DATE CONSIDERED

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10/660226

BB1159USDIV

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PTO/SB/08 FORMS (2)

PTO-1449 FORMS (3)

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